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1 10. The blade defined in claim 8 wherein at least the
2 cutting edge has a hardness of 800 HV to 1300 HV without impairing
3 ductility. R_c 74
64

1 11. The blade defined in claim 10 wherein the hardness
2 is between 900 HV and 1200 HV.
67 72

1 12. The blade defined in claim 8 wherein at least the
2 cutting edge is formed of a heat-treated steel, a high-speed steel,
3 or a tool steel.

1 13. The blade defined in claim 13 wherein the entire
2 blade body is formed of a heat-treated steel, a high-speed steel,
3 or a tool steel.

1 14. The blade defined in claim 8 wherein the foreign
2 ions are of nitrogen, carbon, molybdenum, tungsten, ~~and/or~~ tita-
3 nium.

1 Contradicts SPEC. 15. The blade defined in claim 15 wherein the portion of
2 foreign ions that are molybdenum ~~or~~ tungsten ions is smaller than
3 the portion that is titanium ions.

1 112 link clay 16. An apparatus for longitudinally cutting a moving
2 material web, in particular a paper or cardboard web or a plastic
3 or metal foil with one or more pairs of circular blades each